

## INTERNATIONAL SEARCH REPORT

PCT/NL 03/00035

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 F16D27/112 B60K6/02

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 F16D B60K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	GB 1 204 007 A (BORG-WARNER CORPORATION) 3 September 1970 (1970-09-03) page 1, line 78 -page 3, line 23 figure 1	1
A	US 6 325 182 B1 (USUI TAKUYA ET AL) 4 December 2001 (2001-12-04) column 13, line 24 - line 61 abstract figures 6,7	1
A	US 4 792 029 A (ANDRE AXEL G) 20 December 1988 (1988-12-20) abstract figures 1-12 column 6, line 60 -column 7, line 19 -/--	1

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

\*A\* document defining the general state of the art which is not considered to be of particular relevance

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\*O\* document referring to an oral disclosure, use, exhibition or other means

\*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

\*Z\* document member of the same patent family

Date of the actual completion of the international search

27 March 2003

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03/04/2003

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DE 25 47 172 A (ABOU KAMAL SAMY DIPL ING) 5 May 1977 (1977-05-05) the whole document -----	1

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Patent document cited in search report		Publication date		Patent family member(s)	Publication date
GB 1204007	A	03-09-1970	US	3419118 A	31-12-1968
			JP	52020626 B	04-06-1977
US 6325182	B1	04-12-2001	JP	11280798 A	15-10-1999
			JP	2000145843 A	26-05-2000
			DE	19913939 A1	30-09-1999
US 4792029	A	20-12-1988	AU	579632 B2	01-12-1988
			AU	4232085 A	01-11-1985
			WO	8504696 A1	24-10-1985
			EP	0176574 A1	09-04-1986
			JP	61501790 T	21-08-1986
DE 2547172	A	05-05-1977	DE	2547172 A1	05-05-1977